

Title (en)
HEAT AND MASS EXCHANGE APPARATUS BETWEEN LIQUIDS AND GASES OR VAPOURS

Publication
EP 0102480 A3 19850306 (DE)

Application
EP 83106728 A 19830708

Priority
HU 227182 A 19820713

Abstract (en)
[origin: EP0102480A2] 1. Apparatus for heat and/or mass exchange between flowing liquids and gases or vapours flowing oppositely or transversely thereto, so that the liquids and the gases or vapours at least partly contact each other and wherein the liquid is carried by at least one liquid-guiding surface (1) having apertures (2) through which the liquid flows, characterized in that a turbulence element (3) projecting from the surface (1) is arranged in front of each aperture (2), taken in the direction of flow.

IPC 1-7
F28C 3/02; **B01D 19/00**; **F28C 3/06**; **F28F 13/06**; **B01D 1/14**

IPC 8 full level
B01D 1/14 (2006.01); **B01D 3/26** (2006.01); **B01D 19/00** (2006.01); **F28C 3/02** (2006.01); **F28C 3/06** (2006.01); **F28F 13/06** (2006.01); **F15D 1/10** (2006.01)

CPC (source: EP)
B01D 1/14 (2013.01); **B01D 3/26** (2013.01); **B01D 19/0042** (2013.01); **F28C 3/06** (2013.01); **F28F 13/06** (2013.01)

Citation (search report)
• [A] DE 2262838 A1 19730726 - ILMATEOLLISUUS OY
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Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0102480 A2 19840314; **EP 0102480 A3 19850306**; **EP 0102480 B1 19880720**; AT E35857 T1 19880815; CS 244943 B2 19860814; CS 530783 A2 19850917; DD 210342 A5 19840606; DE 3377428 D1 19880825; HU 185549 B 19850228; PL 242986 A1 19840312

DOCDB simple family (application)
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